

Geotechnics

MebraGrid Biaxial

MebraGrid Biaxial is a geogrid, with a high tensile strength value at a low elongation rate. The MebraGrid is woven and is coated with PVC for protection and easy handling. MebraGrid is a reliable solution for a broad array of engineering structures and installations, wherein it fulfills soil reinforcement functions.

Descriptive properties	Test Method	Unit	20/20	30/30	40/40	50/50	100/100
Area Weight	EN ISO 9864	g/m ²	225	300	390	405	790
Mesh size		mm x mm	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
Polymer			Polyester (PET), with PVC coating				
Mechanical properties							
Tensile Strength - MD	EN ISO 10319	kN/m	22	32	42	52	102
Tensile Strength - CMD	EN ISO 10319	kN/m	22	32	42	52	102
Elongation - MD	EN ISO 10319	%	10	10	11	11	13
Elongation - CMD	EN ISO 10320	%	10	10	11	11	13
Strength at 5% - MD	EN ISO 10319	kN/m	10	12	13	15	25
Strength at 5% - CMD	EN ISO 10320	kN/m	10	12	13	15	25
Roll Dimensions							
Width		m			5,20		
Length		m	200	200	200	100	100
Area		m ²	1040	1040	1040	520	520
Diameter		cm	32	38	42	32	42
Weight of roll		kg	234	312	405	210	410

There are more types available, please contact us for more information.

All information, illustrations and specifications are based on the latest product information available at the time of editing. The values given are indicative and correspond to average results obtained in laboratories and outside institutes. The right is reserved to make changes at any time without notice. All mechanical and physical properties are initial average values, standard variations in strength and physical properties of 10% have to be allowed for. No guarantee or liability can be drawn from the information mentioned herein.

